



## Minnesota Ag News – Crop Weather

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Released: October 18, 2010

Issue No: CW-41-10

COOPERATING WITH THE MN DEPARTMENT OF AGRICULTURE, NATIONAL WEATHER SERVICE - CHANHASSEN, MN

UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, USDA-NRCS, and Local FACs

### WARM, DRY WEATHER HOLDS STEADY; HARVEST MOVED QUICKLY

Mild, dry weather prevailed this past week, allowing favorable harvest conditions for the third consecutive week, according to the USDA, NASS, Minnesota Field Office. As of October 17, producers have nearly completed the soybean, sugarbeet, and potato harvests. The full scale corn harvest was underway. Seven days were reported suitable for fieldwork, the highest of the year. Other farm activities included fall tillage of soybean stubble and baling of corn stalks and grasses.

Temperatures for the week were 5.8° above average statewide, and no measurable precipitation was recorded at reporting stations across the state. Topsoil moisture supplies were rated 5 percent short, 86 percent adequate, and 9 percent surplus, compared to 1 percent short, 83 percent adequate, and 16 percent surplus last week.

Corn harvested jumped 30 percentage points from the previous week to 47 percent harvested, compared to 3 percent last year and 26 percent for the five-year average. Moisture content was 15 percent, compared to 18 percent last week. The lack of precipitation allowed corn to dry in the fields, minimizing the need for drying.

Soybeans were 96 percent harvested, compared to 33 percent last year and 76 percent average. Moisture content was 11 percent, equal to last week. Sugarbeets harvested jumped 32 percentage points from the previous week to 91 percent harvested, compared to 58 percent last year and 73 percent average. Potatoes were 98 percent harvested, compared to 94 percent last year and average. Sunflowers were 77 percent harvested, compared to 19 percent last year and 28 percent average.

Range and pasture was rated 1 percent very poor, 5 percent poor, 21 percent fair, 57 percent good, and 16 percent excellent.

The following links provide further weather-related information and maps for Minnesota:

Minnesota Climatology Working Group provides statewide precipitation maps for the previous week:  
<http://climate.umn.edu/doc/weekmap.asp>

National Weather Service's Minnesota Data:  
<http://www.nws.noaa.gov/view/states.php?state=MN>

#### Days Suitable for Fieldwork: 7.0

	Very Short	Short	Adequate	Surplus
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	Percent			
Topsoil Moisture	0	5	86	9

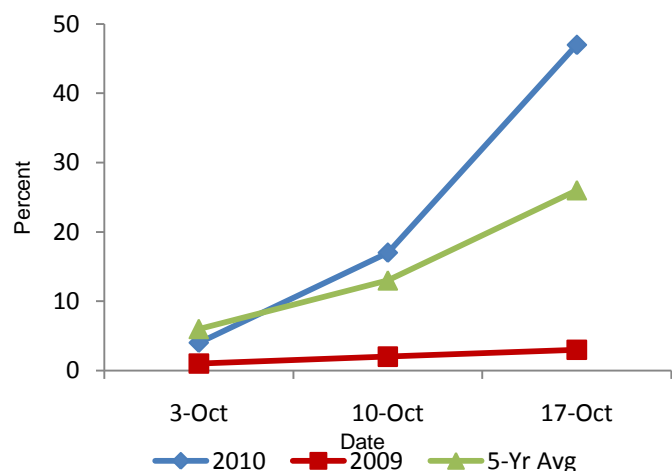
#### Crop Progress as of October 17, 2010

Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		-----	-----	-----	-----
		Percent			
Corn	Harvested	47	17	3	26
Corn	Moisture Content	15	18	29	22
Soybeans	Harvested	96	82	33	76
Soybeans	Moisture Content	11	11	15	13
Potatoes	Harvested	98	92	94	94
Sunflowers	Harvested	77	48	19	28
Sugarbeets	Harvested	91	59	58	73

#### Condition as of October 17, 2010

	Very Poor	Poor	Fair	Good	Exc
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	Percent				
Pasture	1	5	21	57	16
Corn	1	2	9	51	37
Sunflowers	1	3	17	63	16

#### Corn Harvested



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING October 17, 2010:  
Temperatures averaged from 3.5 degrees above normal in the Northeast District to 7.3 degrees above normal in the Southeast District. Extremes: 24 degrees in Hibbing; 84 degrees in Preston. Average precipitation ranged from 0.57 inch below normal in the Northeast District to 0.45 inch below normal in the Southwest District. Greatest weekly total of 0.01 inch was recorded in Warroad.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website;  
<http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 10/11/2010 through 10/17/2010

	Temperature				Precipitation			
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	Four Weeks	From Norm Since 4/1
<u>NW DIST 1</u>								
Crookston	78	28	51.3	5.8	0	-.43	.21	3.79
Itasca	80	29	50.4	7.7	0	-.60	-.33	2.52
Moorhead	78	27	50.5	3.7	0	-.46	.18	4.67
Warroad	76	27	50.0	6.5	.01	-.40	1.06	6.76
<u>NC DIST 2</u>								
Grand Rapids	76	31	50.0	5.0	0	-.64	-1.45	1.69
Intl. Falls	69	28	46.6	3.7	0	-.45	.64	7.04
<u>NE DIST 3</u>								
Duluth	62	33	49.0	4.3	0	-.54	-1.36	2.34
Grand Marais	65	31	48.9	3.4	0	-.59	-1.51	-3.46
Hibbing	71	24	46.0	2.7	0	-.57	-1.30	.51
<u>WC DIST 4</u>								
Alexandria	79	33	51.5	5.0	0	-.50	-1.54	2.27
Browns Valley	82	28	54.4	6.5	0	-.41	-.54	3.54
Canby	77	35	55.7	5.4	0	-.48	1.49	7.30
Dalton	M	M	M	M	M	M	-1.03m	4.57m
Montevideo	81	32	54.3	5.8	0	-.45	1.22	7.85
Morris	79	30	53.0	5.6	0	-.55	-1.39	4.10
Wheaton	77	33	54.2	6.5	0	-.43	.47	3.19
<u>CENT DIST 5</u>								
Becker	79	35	56.2	8.9	0	-.49	.79	6.40
Collegeville	82	39	56.4	6.3	0	-.57	-1.69	2.25
Hutchinson	79	37	55.8	7.1	0	-.43	2.35	8.94
Melrose	79	26	52.6	5.3	0	-.57	-1.27	5.23
Olivia	80	32	54.2	6.1	0	-.43	1.62	7.02
St. Cloud	80	31	52.0	5.5	0	-.51	-.56	3.99
Staples	79	30	51.8	6.3	0	-.60	-1.67	3.79
Wadena	78	29	52.0	7.1	0	-.60	-1.87	6.25
Willmar	78	31	53.5	5.5	0	-.49	-.20	10.22
<u>EC DIST 6</u>								
Aitkin	78	30	52.6	7.4	0	-.57	-1.70	.82
Forest Lake	82	36	57.2	8.5	0	-.57	-.50	2.96
Hinckley	76	29	50.4	5.8	0	-.61	-.98	7.56
MSP Airport	80	40	57.2	7.3	0	-.47	1.56	2.78
St. Paul - UofM	77	40	57.0	6.7	0	-.56	.33	3.14
<u>SW DIST 7</u>								
Lamberton	80	33	54.6	5.6	0	-.44	3.99	9.44
Marshall	79	34	55.7	6.4	0	-.44	3.33	15.26
Pipestone	78	30	52.4	4.5	0	-.51	4.00	13.37
Redwood Falls	81	34	53.8	3.3	0	-.42	2.41	7.42
Worthington	78	33	56.2	8.4	0	-.44	4.98	8.85
<u>SC DIST 8</u>								
Faribault	M	M	M	M	0m	-.49m	4.03m	8.15m
Mankato	M	M	M	M	M	M	3.21m	6.97m
Waseca	81	31	54.6	5.7	0	-.56	5.87	11.27
Winnebago	81	36	57.0	6.9	0	-.55	6.43	10.71
<u>SE DIST 9</u>								
Preston	84	30	54.8	5.7	0	-.52	2.21	6.38
Red Wing	80	40	58.4	8.9	0	-.48	2.47	6.74
Rochester	81	36	55.7	7.5	0	-.49	2.67	4.52
Rosemount	79	36	56.4	6.9	0	-.55	1.17	5.66
Winona	81	41	59.7	9.5	0	-.47	2.92	11.09

m=some data missing

The MINNESOTA WEEKLY CROP-WEATHER REPORT (USPS-387190) is published weekly in April through November (crop season). Subscription rates are \$15.00 per year for non-reporters and free to survey respondents by the USDA-NASS Minnesota Field Office, P O Box 7068, St. Paul, MN 55107. Periodicals postage paid at St. Paul, Minnesota and other mailing offices. POSTMASTER: Send address changes to the MINNESOTA WEEKLY CROP-WEATHER REPORT, P O Box 7068, St. Paul, MN 55107.

WEEKLY NEWS REPORT  
Minnesota Crop-Weather Report  
Publication No. 387190  
Address Service Requested

USDA, NASS, Minnesota Field Office  
PO Box 7068, ST. PAUL MN 55107

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